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## **ABSTRACT**

A vapor pressure reducing agent for polyurethane foam, comprising at least one compound represented by the following formula (1):

$$R^{1}$$

$$O$$

$$R^{2}-O-P=O$$

$$O$$

$$R^{3}$$
wherein  $R^{1}$ ,  $R^{2}$  and

5

10

15

wherein R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> represent a straight-chain alkyl group or branched-chain alkyl group having 2 to 5 carbon atoms, R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> may be the same or different, with the proviso that the compound wherein R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> are all ethyl groups is excluded, the compound having a total acid content of 650 mg KOH or less as measured in accordance with MIL H-19457; and a premix composition for producing polyurethane foam, comprising a polyol, a curing catalyst, 1,1,1,3,3-pentafluoropropane, a foaming stabilizer, and the vapor pressure reducing agent described above.